

QPL RF INDUCTORS - SURFACE MOUNT

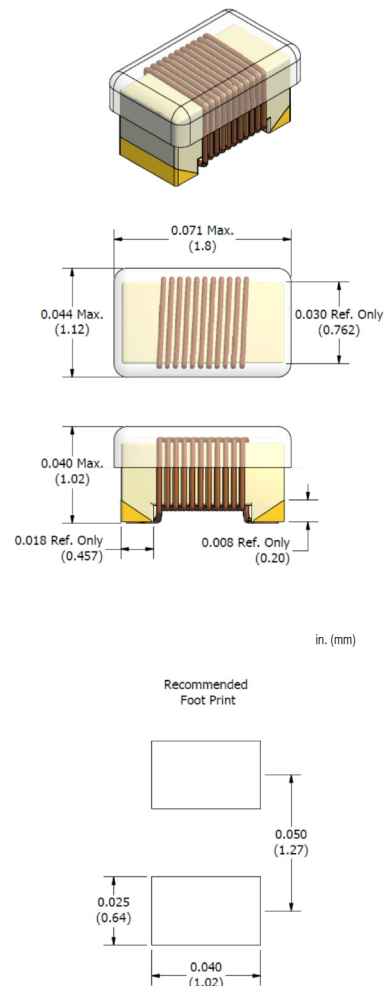


ML0603 Ceramic Wirewound RF Inductors - Military Approved

MIL-PRF-83446/36

PART NUMBER	MIL DASH NUMBER	L nH	LTOL. % ±	L TEST FREQ. MHz	Q MIN	Q TEST FREQ. MHz	SRF MHz MIN	DCR OHMS MAX	DC CURRENT RATING mA MAX
MIL-PRF-83446/36 CERAMIC CORE									
ML0603-0018*	01A*	1.8	5, 10	250	22	250	6000	.070	1000
ML0603-0036*	02A*	3.6	5, 10	250	22	250	6000	.070	1000
ML0603-0039*	03A*	3.9	5, 10	250	22	250	6000	.070	1000
ML0603-0047*	04A*	4.7	5, 10	250	22	250	6000	.090	885
ML0603-0068*	05A*	6.8	5, 10	250	30	250	5800	.100	840
ML0603-010*	06A*	10	5, 10	250	31	250	4800	.160	665
ML0603-012*	07A*	12	2, 5, 10	250	35	250	4000	.130	735
ML0603-015*	08A*	15	2, 5, 10	250	35	250	4000	.170	645
ML0603-018*	09A*	18	2, 5, 10	250	35	250	3100	.170	645
ML0603-022*	10A*	22	2, 5, 10	250	38	250	3000	.190	610
ML0603-027*	11A*	27	2, 5, 10	250	40	250	2800	.220	565
ML0603-033*	12A*	33	2, 5, 10	250	40	250	2300	.220	565
ML0603-039*	13A*	39	2, 5, 10	250	40	250	2200	.240	540
ML0603-047*	14A*	47	2, 5, 10	200	38	200	2000	.280	500
ML0603-056*	15A*	56	2, 5, 10	200	38	200	1900	.310	475
ML0603-068*	16A*	68	2, 5, 10	200	37	200	1700	.360	440
ML0603-082*	17A*	82	2, 5, 10	150	34	150	1700	.540	360
ML0603-100*	18A*	100	2, 5, 10	150	34	150	1400	.750	305
ML0603-120*	19A*	120	2, 5, 10	150	32	150	1300	.790	300
ML0603-150*	20A*	150	2, 5, 10	150	28	150	990	1.14	245
ML0603-180*	21A*	180	2, 5, 10	150	25	150	990	1.28	235
ML0603-220*	22A*	220	2, 5, 10	150	25	150	700	1.70	200
ML0603-270*	23A*	270	2, 5, 10	25	16	25	600	1.78	195

*Suffix K for 10% Tolerance, Suffix J for 5% Tolerance, Suffix G for 2% Tolerance



NOTES:

- Operating Temperature Range: -55°C to +125°C
- Current Rating is @ a 90°C Ambient and 35°C Rise maximum
- Weight Max. 0.000282 oz (0.008 gm)
- DWV 200 Vrms @ Sea Level
80 Vrms @ 70,000 Feet
- Termination is Gold, code "A" finish

Example of ordering by Military number for ML0603-047K: M83446/36-14AK

TAPE AND REEL SPECS:

Pcs./Reel maximum: 3000
Reel diameter inches: 7

